



**SGS-CSTC Standards  
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Report No.: SHEMO070800151TX-A1

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## **EMC TEST REPORT**

**Application No.:** SHEMO070800151TX-A1

**Applicant:** Jiangsu Keling Medical Appliances Co., Ltd

**Equipment Under Test (EUT):**

**NOTE:** The following sample(s) submitted was/were identified on behalf of the client as

**EUT Name:** Hole type shadowless lamp

**Model No.:** KL04L, KL05L, KL09L, KL12L, KL1205L

**Serial No.:** Not supplied by client

**Standards:** EN 60601-1-2: 2007

**Date of Receipt:** August 22, 2007

**Date of Test:** August 23, 2007 to August 25, 2007

**Date of Issue:** August 12, 2010

<b>Test Result :</b>	<b>PASS</b>
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The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives.

Tino Pan

E&E Section Manager

SGS-CSTC(Shanghai) Co., Ltd.



Lily Zhu

E&E Project Engineer

SGS-CSTC(Shanghai)Co.,Ltd

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Member of the SGS Group (Société Générale de Surveillance)

## 4 General Information

### 4.1 Client Information

Applicant: Jiangsu Keling Medical Appliances Co., Ltd  
Address of Applicant: Shanian Industrial Zone, Gaoyou City, Jiangsu, China  
Manufacturer: Jiangsu Keling Medical Appliances Co., Ltd  
Address of Manufacturer: Shanian Industrial Zone, Gaoyou City, Jiangsu, China

### 4.2 General Description of E.U.T.

EUT Name: Hole type shadowless lamp  
Model No.: KL04L, KL05L, KL09L, KL12L, KL1205L  
Brand Name: Not supplied by client  
Serial No.: Not supplied by client

### 4.3 Details of E.U.T.

Power Supply: Not supplied by client  
Power Cord: About 3.0m

### 4.4 Description of Support Units

Name / Function	Model No.	Remark
N/A	N/A	N/A

### 4.5 Standards Applicable for Testing

The customer requested EMC tests for Hole type shadowless lamp.

The standards used were EN 60601-1-2: 2007

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## 4 General Information

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Address of Applicant: Shanian Industrial Zone, Gaoyou City, Jiangsu, China  
Manufacturer: Jiangsu Keling Medical Appliances Co., Ltd  
Address of Manufacturer: Shanian Industrial Zone, Gaoyou City, Jiangsu, China

### 4.2 General Description of E.U.T.

EUT Name: Hole type shadowless lamp  
Model No.: KL04L, KL05L, KL09L, KL12L, KL1205L, KLLED-KM1  
Brand Name: Not supplied by client  
Serial No.: Not supplied by client

### 4.3 Details of E.U.T.

Power Supply: Not supplied by client  
Power Cord: About 3.0m

### 4.4 Description of Support Units

Name / Function	Model No.	Remark
N/A	N/A	N/A

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The standards used were EN 60601-1-2: 2007

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## 2 Test Summary

Test	Test Requirement	Test Method	Class / Severity	Result
Conducted Emission (150K to 30MHz)	EN 60601-1-2: 2007	CISPR 11:2003/A1:2004/ A2:2006	Group 1, Class B	PASS
Radiated Electromagnetic Disturbance 30MHz to 1000MHz	EN 60601-1-2: 2007	CISPR 11:2003/A1:2004/ A2:2006	Group 1, Class B	PASS
Harmonic Emission on AC, 50Hz to 2kHz	EN 60601-1-2: 2007	IEC 61000-3-2: 2005	Clause 7 of IEC61000-3-2	PASS
Flicker Emission on AC	EN 60601-1-2: 2007	IEC 61000-3-3 : 2005	Clause 5 of IEC61000-3-3	PASS
ESD	EN 60601-1-2: 2007	IEC 61000-4-2:2001	Contact ±6 kV Air ±8 kV	PASS
Radiated Immunity	EN 60601-1-2: 2007	IEC 61000-4-3:2008	3V/m 80%,1kHz , AM	PASS
Electrical Fast Transients (EFT) on AC	EN 60601-1-2: 2007	IEC 61000-4-4 :2004	AC ±2.0kV	PASS
Surge Immunity on AC	EN 60601-1-2: 2007	IEC 61000-4-5 :2005	±1kV D.M.† ±2kV C.M.†	PASS
Injected Currents on AC	EN 60601-1-2: 2007	IEC 61000-4-6 :2006	3Vrms (emf), 80%, 1kHz Amp. Mod.	PASS
Power-frequency magnetic field	EN 60601-1-2: 2007	IEC 61000-4-8:2001	50/60Hz,3A/m	PASS
Voltage Dips and Interruptions on AC	EN 60601-1-2: 2007	IEC 61000-4-11 :2004	<5 % $U_T$ for 0,5 cycle 40 % $U_T$ for 5 cycles; 70 % $U_T$ for 25 cycles; <5 % $U_T$ for 5 s	PASS

### Remark:

\*  $U_T$  is the nominal supply voltage.

† D.M. – Differential Mode.

C.M -- Common Mode.

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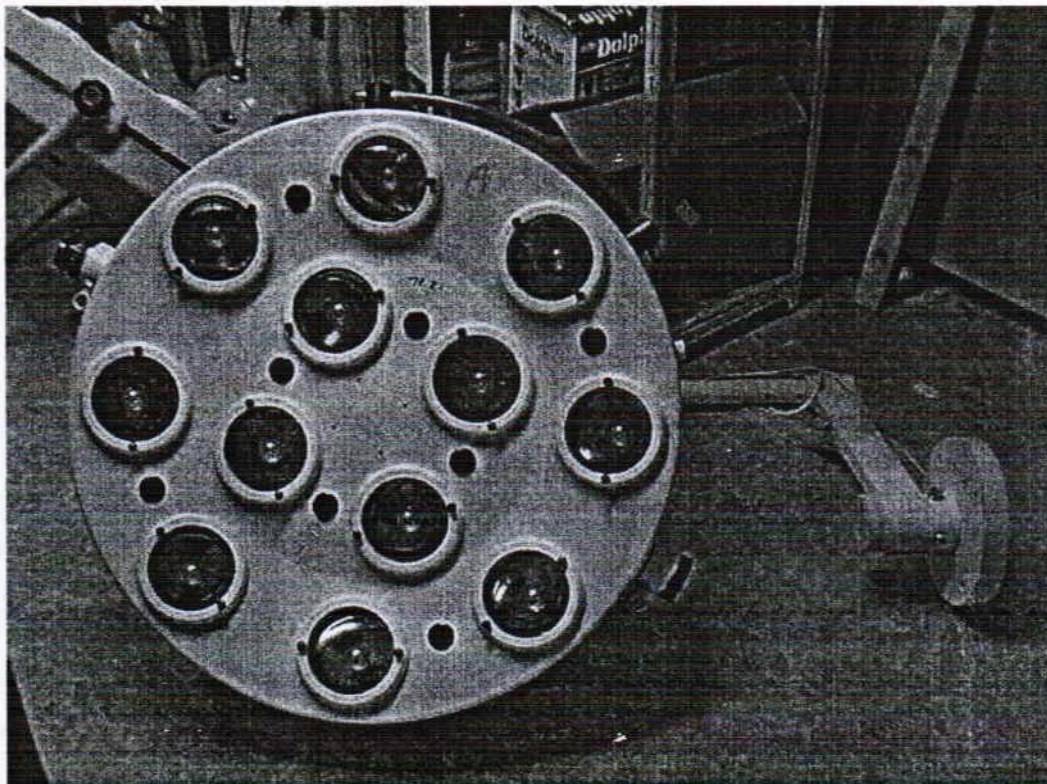
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## 5 Photographs

### 5.1 EUT Constructional Details



*The end of report*

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